



U.S. Department
of Transportation

**Federal Aviation
Administration**

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SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC

<http://www.faa.gov/aircraft/safety/alerts/>

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) informs you, owners and operators of **Raytheon (Beech) Model 1900, 1900C and 1900D airplanes** of an alternative method of compliance (AMOC) to Airworthiness Directive (AD) 2003-20-10. This AMOC allows you to use a version of the Raytheon Maintenance Manual that incorporates the revised figures of the elevator trim drum and the elevator trim operational check procedures instead of the temporary MM revisions called out in the AD.

Background

We issued AD 2003-20-10 to mandate an elevator trim operational check any time you perform maintenance on the trim system. The AD included revised figures showing the forward elevator trim drum in the correct orientation, and called out temporary revisions to the maintenance manual which incorporated operational checks of the elevator trim system to be performed any time you performed maintenance on the system.

The AMOC

The AMOC allows you to use a version of the Raytheon Maintenance Manual that incorporates the revised figures of the elevator trim drum and the elevator trim operational check procedures instead of the temporary MM revisions called out in AD 2003-20-10.

The AMOC is detailed in and approved through FAA letter, dated August 4, 2005 (attached).

For Further Information Contact

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U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

August 10, 2005

TO: Docket No. 2003-CE-43-AD

Subject: Alternative Method of Compliance (AMOC) to
Airworthiness Directive (AD) 2003-20-10, Amendment 39-13328

The Approval

This letter is issued to approve an alternative method of compliance to AD 2003-20-10 which applies to Raytheon Model Beech 1900, 1900C and 1900D airplanes.

For Additional Information:

Contact Chris B. Morgan, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4154; facsimile: (316) 946-4107; e-mail: chris.b.morgan@faa.gov.

The AMOC

The actions called for in AD 2003-20-10 have been incorporated into the applicable maintenance manuals. In Section 27-30-04, Figure 5 in the 1900/1900C manual, and Figure 205 in the 1900D manual incorporate the figure of the trim drum from the AD. The elevator operational check has also been incorporated into the manuals. The following procedures may be used in place of the temporary revisions called out in the AD.

Service Information	Required Action	Compliance Requirement
Model 1900/1900C Maintenance Manual P/N 114-590021-7B Revision B17, or later Revisions.	Following maintenance requiring removal, replacement, disassembly, or repair of any component of the elevator trim system, prior to further flight, perform the Elevator Trim Operational Check per MM Section 27-30-03.	Following elevator trim maintenance
NOTE: Subsequent Revisions to the MM are acceptable, so long as the applicable sections remain identical.		

Model 1900D Maintenance Manual P/N 129-590000-15, Revision A35, or later revision.

NOTE: Subsequent Revisions to the MM are acceptable so long as the applicable Sections remain Identical.

Following maintenance requiring removal replacement, disassembly, or repair of any component of the elevator trim system, prior to further flight, perform the Elevator Trim Operational Check per MM Section 27-30-09.

Following elevator trim maintenance

The incorporation of this AMOC, does not rescind the record keeping requirements of the Airworthiness Directive.

Sincerely,

original signed by
James M. Peterson

James M. Peterson
Associate ACO Manager, Mechanical Systems & Propulsion
Wichita Aircraft Certification Office

ACE-116W:Chris Morgan:x4154:cm:8/10/05:Sherlock
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